

# SEQUENCE LISTING

<110> COMPUGEN LTD.

<120> VARIANT OF tnfr-RECEPTOR

<130> 125883-COMPUGEN

<140>

<141>

<160> 16

<170> PatentIn Ver. 2.1

<210> 1

<211> 854

<212> DNA

<213> Homo sapiens

<400> 1

```
gagtgaagagg ccatagctgt ctggcatggg cctctccacc gtgcctgacc tgetgctgcc 60
gctggtgctc ctggagctgt tggagggaat ataccctca ggggttattg gactgggtccc 120
tcacctaggg gacagggaga agagagatag tgtgtgtccc caaggaaaat atatccaccc 180
tcaaaataat tcatattgct gtaccaagt ccacaaagga acctactgt acaatgactg 240
tccaggcccg gggcaggata cggactgcag ggagtgtgag agcggctcct tcaccgcttc 300
agaaaaccac ctacagacact gcctcagctg ctccaaatgc cgaaaggaaa tgggtcagggt 360
ggagatctct tcttgacacag tggaccggga caccgtgtgt ggctgcagga agaaccagta 420
ccggcattat tggagtgaat accttttcca gtgcttcaat tgcagcctct gcctcaatgg 480
gaccgtgcac ctctcctgcc aggagaaaca gaacaccgtg tgcacctgcc atgcagggttt 540
ctttctaaga gaaaacgagt gtgtctcctg tagtaactgt aagaaaagcc tggagtgcac 600
gaagttgtgc ctaccccgaga ttgagaatgt taagggcact gaggactcag gcaccacagt 660
gctgttgccc ctggttcgtc cctgagcctt ttccacagtg cataagcagt tttttttgtt 720
tttgttttgt tttgttttgt ttttaaatca atcatgttac actaatagaa acttggcact 780
cctgtgcctt ctgcctggac aagcacatag caagctgaac tgtcctaagg caggggagag 840
cacggaacaa tggg                                     854
```

<210> 2

<211> 1008

<212> DNA

<213> Homo sapiens

<400> 2

```
ggggagtgaag agggcatagc tgtctggcat gggcctctcc accgtgcctg acctgctgct 60
gccgctgggtg ctcttgagac tgttggtggg aatatacccc tcaggggtta ttggactggt 120
ccctcaccta ggggacaggg agaagagaga tagtgtgtgt cccaaggaa aatatatcca 180
ccctcaaaat aattcgattt gctgtaccaa gtgccacaaa ggaacctact tgtacaatga 240
```

ctgtccaggc ccggggcagg atacggactg cagggagtgt gagagcggct ccttcaccgc 300  
 ttcagaaaac cacctcagac actgcctcag ctgctccaaa tgccgaaagg aaatgggtca 360  
 ggtggagatc tcttcttgca cagtggaccg ggacaccgtg tgtggctgca ggaagaacca 420  
 gtaccggcat tattggagtg aaaacctttt ccagtgcctc aattgcagcc tctgcctcaa 480  
 tgggaccgtg cacctctcct gccaggagaa acagaacacc gtgtgcacct gccatgcagg 540  
 tttctttcta agagaaaacg agtgtgtctc ctgtagtaac tgtaagaaaa gcctggagtg 600  
 cacgaagtgt tgcctacccc agattgagaa tgttaagggc actgaggact caggcaccac 660  
 agtgcgtgtg cccctgggtc ttttcttttg tctttgcctt ttatccctcc tcttcattgg 720  
 tttaatgtat cgctaccaac ggtggaagtc caagctctac tccattgttt gtgggaaatc 780  
 gacacctgaa aaagaggggg agcttgaagg aactactact aagcccctgg ttcgtccctg 840  
 agcctttttc acagtgcata agcagttttt tttgtttttg tttgtttttg tttgttttta 900  
 aatcaatcat gttacactaa tagaaacttg gcactcctgt gccctctgcc tggacaagca 960  
 catagcaagc tgaactgtcc taaggcaggg gcgagcacgg aacaatgg 1008

<210> 3

<211> 1119

<212> DNA

<213> Homo sapiens

<400> 3

gggagtgaga ggccatagct gtctggcatg ggccctctcca ccgtgcctga cctgctgctg 60  
 ccgtgggtgc tcttgagct gttggtggga atatacccct caggggttat tggactggtc 120  
 cctcacctag gggacagga gaagagagat agtgtgtgtc cccaaggaaa atatatccac 180  
 cctcaaaata attcgatttg ctgtaccaag tgccacaaag gaacctactt gtacaatgac 240  
 tgtccaggcc cggggcagga tacggactgc agggagtgtg agagcggctc cttcaccgct 300  
 tcagaaaacc acctcagaca ctgcctcagc tgcctccaaat gccgaaagga aatgggtcag 360  
 gtggagatct cttcttgcac agtggaccgg gacaccgtgt gtggctgcag gaagaaccag 420  
 taccggcatt attggagtga aaaccttttc cagtgcctca attgcagcct ctgcctcaat 480  
 gggaccgtgc acctctcctg ccaggagaaa cagaacaccg tgtgcacctg ccatgcagggt 540  
 ttctttctaa gagaaaacga gtgtgtctcc tgtagtaact gtaagaaaag cctggagtgc 600  
 acgaagtgtg gcctacccca gattgagaat gttaagggca ctgaggactc aggcaccaca 660  
 gtgctgttgc cccgggtcat tttcttttgt ctttgccttt tatccctcct cttcattggg 720  
 ttaatgtatc gctaccaacg gtggaagtcc aagctctact ccattgtttg tgggaaatcg 780  
 acacctgaaa aagaggggga gcttgaagga actactacta agcccctggc cccaaaccca 840  
 agcttcagtc ccactccagg cttcaccctc accctgggct tcagtcctgt gccagttcc 900  
 accttcacct ccagcaaggc tgctcggggg cccctgggtc gtccctgagc ctttttcaca 960  
 gtgcataagc agtttttttt gtttttgttt tgttttgttt tgttttttaa tcaatcatgt 1020  
 tacactaata gaaacttggc actcctgtgc cctctgcctg gacaagcaca tagcaagctg 1080  
 aactgtccta aggcaggggc gagcacggaa caatgggca 1119

<210> 4

<211> 918

<212> DNA

<213> Homo sapiens

<400> 4

```

gggagtgaga ggccatagct gtctggcatg ggcctctcca cgtgcctga cctgctgctg 60
ccgctggtgc tcctggagct gttggtggga atatacccct caggggttat tggactgggc 120
cctcacctag gggacaggga gaagagagat agtgtgtgtc cccaaggaaa atatatccac 180
cctcaaaata attcgatttg ctgtaccaag tgccacaaag gaacctactt gtacaatgac 240
tgtccaggcc cggggcagga tacggactgc agggagtgtg agagcggctc cttcaccgct 300
tcagaaaacc acctcagaca ctgcctcagc tgctccaaat gccgaaagga aatgggtcag 360
gtggagatct cttcttgcac agtggaccgg gacaccgtgt gtggctgcag gaagaaccag 420
taccggcatt attggagtga aaaccttttc cagtgttca attgcagcct ctgcctcaat 480
gggaccgtgc acctctcctg ccaggagaaa cagaacaccg tgtgcacctg ccatgcaggt 540
ttctttctaa gagaaaacga gtgtgtctcc tgtagtaact gtaagaaaag cctggagtgc 600
acgaagtgtg gcctacccca gattgagaat gttaaggga ctgaggactc aggaccaca 660
gtgctgttgc ccctggcat tttctttggt ctttgccttt tatccctcct caccagcaag 720
gctgctcggg ggcccctggt tcgtccctga gcctttttca cagtgcataa gcagtttttt 780
ttgtttttgt tttgttttgt tttgttttta aatcaatcat gttactacta tagaaacttg 840
gcactcctgt gccctctgcc tggacaagca catagcaagc tgaactgtcc taaggcaggg 900
gcgagcacgg aacaatgg                                     918

```

<210> 5  
<211> 542  
<212> DNA  
<213> Homo sapiens

```

<400> 5
gggagtgaga ggcctagctg tctggcatgg gcctctccac cgtgcctgac ctgctgctgc 60
cgctggtgct cctggagctg ttggtgggaa tatacccctc aggggttatt ggactggtcc 120
ctcacctagg ggacagggag aagagagata gtgtgtgtcc ccaaggaaaa tatatccacc 180
ctcaaaataa ttcgatttgc tgtaccaagt gccacaaagg aacctacttg tacaatgact 240
gtccaggccc ggggcaggat acggactgca gggagtgtga gagcggctcc ttcaccgctt 300
cagaaaacca cctcatgccc gttttgggtg tcctcaccag caaggtgctc cgggggcccc 360
tggttcgtcc ctgagccttt ttcacagtgc ataagcagtt ttttttgtt ttgttttgtt 420
ttgttttgtt tttaaatcaa tcatgttaca ctaatagaaa cttggcactc ctgtgccctc 480
tgcttggaag agcacatagc aagctgaact gtcctaaggc aggggcgagc acggaacaat 540
gg                                     542

```

<210> 6  
<211> 714  
<212> DNA  
<213> Homo sapiens

```

<400> 6
ggagtgagag gccatagctg tctggcatgg gcctctccac cgtgcctgac ctgccgctgc 60
cactgattct tccccagggt ctcttgagac tgttgggtgg aatatacccc tcaggggtta 120
ttggactggt ccctcaccta ggggacaggg agaagagaga tagtgtgtgt cccaaggaaa 180
aatatatcca ccctgggctt cagtcccgtg ccagtccttc tcagatgagg ctgcgcccct 240
gcgggcagct ctaaggaccg tcctgcgaga tcgccttcca accccacttt tttctggaaa 300
ggaggggtcc tgcaggggca agcaggagct agcagccgcc tacttggtgc taaccctctg 360

```

atgtacatag cttttctcag ctgcctgcgc gccgcccaca gtcagcgctg tgcgcgcgga 420  
gagagggtgcg ccgtgggctc aagagcctga gtgggtggtt tgcgaggatg agggacgcta 480  
tgccctcatgc ccgttttggg tgtcctcacc agcaaggctg ctcgggggcc cctggttcgt 540  
ccctgagcct ttttcacagt gcataagcag tttttttgt ttttgtttg ttttgtttg 600  
tttttaaatac aatcatgtta cactaataga aacttggcac tcctgtgccc tctgcctgga 660  
caagcacata gcaagctgaa ctgtcctaag gcaggggcga gcacggaaca atgg 714

<210> 7

<211> 1132

<212> DNA

<213> Homo sapiens

<400> 7

ggggagttag aggccatagc tgtctggcat gggcctctcc accgtgcctg acctgctgct 60  
gccgctggtg ctccctcacc gcttcagaaa accacctcag acactgcctc agctgctcca 120  
aatgccgaaa ggaaatgggt cagggtggaga tctcttcttg cacagtggac cgggacaccg 180  
tgtgtggctg caggaagaac cagtaccggc attattggag tgaaaacctt ttccagtgct 240  
tcaattgcag cctctgcctc aatgggaccg tgcacctctc ctgccaggag aaacagaaca 300  
ccgtgtgcac ctgccatgca ggtttctttc taagagaaaa cgagtgtgtc tcctgtagta 360  
actgtaagaa aagcctggag tgcacgaagt tgtgcctacc ccagattgag aatgttaagg 420  
gcaactgagga ctcaggcacc acagtgtgtg tgeccctggt ctttttctt ggtctttgcc 480  
ttttatccct cctcttcatt ggtttaatgt atcgctacca acggtggaag tccaagctct 540  
actccattgt ttgtgggaaa tcgacacctg aaaaagaggg ggagcttgaa ggaactacta 600  
ctaagccctt ggccccaac ccaagcttca gtccactcc aggtctcacc cccaccctgg 660  
gcttcagtcc cgtgcccagt tccaccttcg ctttccaacc ccacttttt ctggaaagga 720  
ggggtcctgc aggggcaagc aggagctagc agccgcctac ttggtgctaa cccctcgatg 780  
tacatagctt ttctcagctg cctgcgcgcc gccgacagtc agcgctgtgc gcgcggagag 840  
aggtgcgccg tgggctcaag agcctgagtg ggtggtttgc gaggatgagg gacgctatgc 900  
ctcatgcccg ttttgggtgt cctcaccagc aaggctgctc gggggccctt ggttcgtccc 960  
tgagcctttt tcacagtgca taagcagttt tttttgttt tgttttgttt tgttttgttt 1020  
ttaaatcaat catgttacac taatagaaac ttggcactcc tgtgcctct gcctggacaa 1080  
gcacatagca agctgaactg tcctaaggca ggggcgagca cggaacaatg gg 1132

<210> 8

<211> 1316

<212> DNA

<213> Homo sapiens

<400> 8

cggccagtg atcttgaacc ccaaaggcca gaactggagc ctcagtccag agaattctga 60  
gaaaattaaa gcagagagga ggggagagat cactgggacc aggcogtgat ctctatgcc 120  
gagtcacac cctcaactgt caccccaagg cacttgggac gtcttgga gaccgagtcc 180  
cgggaagccc cagcactgcc gctgccacac tgccctgagc ccaaattggg gagtgagagg 240  
ccatagctgt ctggcatggg cctctccacc gtcttcacct ccagctccac ctatacccc 300  
ggtgactgtc ccaactttgc ggctccccgc agagaggtgg caccacccta tcagggggct 360  
gaccccatcc ttgcgacagc cctgcctcc gacccatcc ccaacccct tcagaagtgg 420

gaggacagcg cccacaagcc acagagccta gacactgatg accccgcgac gctgtacgcc 480  
 gtggtggaga acgtgcccc gttgcgctgg aaggaattcg tgcggcgccct agggctgagc 540  
 gaccacgaga tcgatcggtt ggagctgcag aacgggcgct gcctgcgca ggcgcaatac 600  
 agcatgctgg cgacctggag gcggcgacag ccgcggcgcg aggccacgct ggagctgctg 660  
 ggacgcgtgc tccgcgacat ggacctgctg ggctgcctgg aggacatcga ggaggcgctt 720  
 tgcggccccg ccgccctccc gccgcgccc agtcttctca gatgaggctg cggccctgcg 780  
 ggcagctcta aggaccgtcc tgcgagatcg cttccaacc ccactttttt ctggaaagga 840  
 ggggtcctgc aggggcaagc aggagctagc agccgcctac ttggtgctaa cccctcgatg 900  
 tacatagctt ttctcagctg cctgcgcgcc gccgacagtc agcgtgtgc gcgcggagag 960  
 aggtgcgcg tgggtcaag agcctgagtg ggtggtttgc gaggatgagg gacgctatgc 1020  
 ctcatgcccc ttttgggtgt cctcaccagc aaggctgctc gggggcccct ggttcgtccc 1080  
 tgagcctttt tcacagtga taagcagttt tttttgttt tgttttgtt tgttttgtt 1140  
 ttaaataaat catgttacac taatagaaac ttggcactcc tgtgccctct gcctggacaa 1200  
 gcacatagca agctgaactg tcctaaggca ggggcgagca cggaacaatg gggccttcag 1260  
 ctggagctgt ggacttttgt acatacacta aaattctgaa gttaaagctc aaaaaa 1316

<210> 9

<211> 219

<212> PRT

<213> Homo sapiens

<400> 9

Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu  
 1 5 10 15

Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu Val Pro  
 20 25 30

His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro Gln Gly Lys  
 35 40 45

Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr Lys Cys His Lys  
 50 55 60

Gly Thr Tyr Leu Tyr Asn Asp Cys Pro Gly Pro Gly Gln Asp Thr Asp  
 65 70 75 80

Cys Arg Glu Cys Glu Ser Gly Ser Phe Thr Ala Ser Glu Asn His Leu  
 85 90 95

Arg His Cys Leu Ser Cys Ser Lys Cys Arg Lys Glu Met Gly Gln Val  
 100 105 110

Glu Ile Ser Ser Cys Thr Val Asp Arg Asp Thr Val Cys Gly Cys Arg  
 115 120 125

Lys Asn Gln Tyr Arg His Tyr Trp Ser Glu Asn Leu Phe Gln Cys Phe

130

135

140

Asn Cys Ser Leu Cys Leu Asn Gly Thr Val His Leu Ser Cys Gln Glu  
145 150 155 160

Lys Gln Asn Thr Val Cys Thr Cys His Ala Gly Phe Phe Leu Arg Glu  
165 170 175

Asn Glu Cys Val Ser Cys Ser Asn Cys Lys Lys Ser Leu Glu Cys Thr  
180 185 190

Lys Leu Cys Leu Pro Gln Ile Glu Asn Val Lys Gly Thr Glu Asp Ser  
195 200 205

Gly Thr Thr Val Leu Leu Pro Leu Val Arg Pro  
210 215

&lt;210&gt; 10

&lt;211&gt; 270

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 10

Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu  
1 5 10 15

Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu Val Pro  
20 25 30

His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro Gln Gly Lys  
35 40 45

Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr Lys Cys His Lys  
50 55 60

Gly Thr Tyr Leu Tyr Asn Asp Cys Pro Gly Pro Gly Gln Asp Thr Asp  
65 70 75 80

Cys Arg Glu Cys Glu Ser Gly Ser Phe Thr Ala Ser Glu Asn His Leu  
85 90 95

Arg His Cys Leu Ser Cys Ser Lys Cys Arg Lys Glu Met Gly Gln Val  
100 105 110

Glu Ile Ser Ser Cys Thr Val Asp Arg Asp Thr Val Cys Gly Cys Arg  
115 120 125

Lys Asn Gln Tyr Arg His Tyr Trp Ser Glu Asn Leu Phe Gln Cys Phe  
 130 135 140

Asn Cys Ser Leu Cys Leu Asn Gly Thr Val His Leu Ser Cys Gln Glu  
 145 150 155 160

Lys Gln Asn Thr Val Cys Thr Cys His Ala Gly Phe Phe Leu Arg Glu  
 165 170 175

Asn Glu Cys Val Ser Cys Ser Asn Cys Lys Lys Ser Leu Glu Cys Thr  
 180 185 190

Lys Leu Cys Leu Pro Gln Ile Glu Asn Val Lys Gly Thr Glu Asp Ser  
 195 200 205

Gly Thr Thr Val Leu Leu Pro Leu Val Ile Phe Phe Gly Leu Cys Leu  
 210 215 220

Leu Ser Leu Leu Phe Ile Gly Leu Met Tyr Arg Tyr Gln Arg Trp Lys  
 225 230 235 240

Ser Lys Leu Tyr Ser Ile Val Cys Gly Lys Ser Thr Pro Glu Lys Glu  
 245 250 255

Gly Glu Leu Glu Gly Thr Thr Thr Lys Pro Leu Val Arg Pro  
 260 265 270

<210> 11

<211> 306

<212> PRT

<213> Homo sapiens

<400> 11

Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu  
 1 5 10 15

Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu Val Pro  
 20 25 30

His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro Gln Gly Lys  
 35 40 45

Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr Lys Cys His Lys  
 50 55 60

Gly Thr Tyr Leu Tyr Asn Asp Cys Pro Gly Pro Gly Gln Asp Thr Asp  
 65 70 75 80

Cys Arg Glu Cys Glu Ser Gly Ser Phe Thr Ala Ser Glu Asn His Leu  
 85 90 95

Arg His Cys Leu Ser Cys Ser Lys Cys Arg Lys Glu Met Gly Gln Val  
 100 105 110

Glu Ile Ser Ser Cys Thr Val Asp Arg Asp Thr Val Cys Gly Cys Arg  
 115 120 125

Lys Asn Gln Tyr Arg His Tyr Trp Ser Glu Asn Leu Phe Gln Cys Phe  
 130 135 140

Asn Cys Ser Leu Cys Leu Asn Gly Thr Val His Leu Ser Cys Gln Glu  
 145 150 155 160

Lys Gln Asn Thr Val Cys Thr Cys His Ala Gly Phe Phe Leu Arg Glu  
 165 170 175

Asn Glu Cys Val Ser Cys Ser Asn Cys Lys Lys Ser Leu Glu Cys Thr  
 180 185 190

Lys Leu Cys Leu Pro Gln Ile Glu Asn Val Lys Gly Thr Glu Asp Ser  
 195 200 205

Gly Thr Thr Val Leu Leu Pro Arg Val Ile Phe Phe Gly Leu Cys Leu  
 210 215 220

Leu Ser Leu Leu Phe Ile Gly Leu Met Tyr Arg Tyr Gln Arg Trp Lys  
 225 230 235 240

Ser Lys Leu Tyr Ser Ile Val Cys Gly Lys Ser Thr Pro Glu Lys Glu  
 245 250 255

Gly Glu Leu Glu Gly Thr Thr Thr Lys Pro Leu Ala Pro Asn Pro Ser  
 260 265 270

Phe Ser Pro Thr Pro Gly Phe Thr Pro Thr Leu Gly Phe Ser Pro Val  
 275 280 285

Pro Ser Ser Thr Phe Thr Ser Ser Lys Ala Ala Arg Gly Pro Leu Val  
 290 295 300

Arg Pro  
 305



<210> 12  
 <211> 240  
 <212> PRT  
 <213> Homo sapiens

<400> 12

Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu  
 1 5 10 15

Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu Val Pro  
 20 25 30

His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro Gln Gly Lys  
 35 40 45

Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr Lys Cys His Lys  
 50 55 60

Gly Thr Tyr Leu Tyr Asn Asp Cys Pro Gly Pro Gly Gln Asp Thr Asp  
 65 70 75 80

Cys Arg Glu Cys Glu Ser Gly Ser Phe Thr Ala Ser Glu Asn His Leu  
 85 90 95

Arg His Cys Leu Ser Cys Ser Lys Cys Arg Lys Glu Met Gly Gln Val  
 100 105 110

Glu Ile Ser Ser Cys Thr Val Asp Arg Asp Thr Val Cys Gly Cys Arg  
 115 120 125

Lys Asn Gln Tyr Arg His Tyr Trp Ser Glu Asn Leu Phe Gln Cys Phe  
 130 135 140

Asn Cys Ser Leu Cys Leu Asn Gly Thr Val His Leu Ser Cys Gln Glu  
 145 150 155 160

Lys Gln Asn Thr Val Cys Thr Cys His Ala Gly Phe Phe Leu Arg Glu  
 165 170 175

Asn Glu Cys Val Ser Cys Ser Asn Cys Lys Lys Ser Leu Glu Cys Thr  
 180 185 190

Lys Leu Cys Leu Pro Gln Ile Glu Asn Val Lys Gly Thr Glu Asp Ser  
 195 200 205

Gly Thr Thr Val Leu Leu Pro Leu Val Ile Phe Phe Gly Leu Cys Leu

210

215

220

Leu Ser Leu Leu Thr Ser Lys Ala Ala Arg Gly Pro Leu Val Arg Pro  
 225 230 235 240

&lt;210&gt; 13

&lt;211&gt; 115

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 13

Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu  
 1 5 10 15

Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu Val Pro  
 20 25 30

His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro Gln Gly Lys  
 35 40 45

Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr Lys Cys His Lys  
 50 55 60

Gly Thr Tyr Leu Tyr Asn Asp Cys Pro Gly Pro Gly Gln Asp Thr Asp  
 65 70 75 80

Cys Arg Glu Cys Glu Ser Gly Ser Phe Thr Ala Ser Glu Asn His Leu  
 85 90 95

Met Pro Val Leu Gly Val Leu Thr Ser Lys Ala Ala Arg Gly Pro Leu  
 100 105 110

Val Arg Pro  
 115

&lt;210&gt; 14

&lt;211&gt; 75

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 14

Met Gly Leu Ser Thr Val Pro Asp Leu Pro Leu Pro Leu Ile Leu Pro  
1 5 10 15

Gln Val Leu Leu Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile  
20 25 30

Gly Leu Val Pro His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys  
35 40 45

Pro Gln Gly Lys Tyr Ile His Pro Gly Leu Gln Ser Arg Ala Gln Ser  
50 55 60

Ser Gln Met Arg Leu Arg Pro Cys Gly Gln Leu  
65 70 75

<210> 15  
<211> 64  
<212> PRT  
<213> Homo sapiens

<400> 15  
Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu  
1 5 10 15

His Arg Phe Arg Lys Pro Pro Gln Thr Leu Pro Gln Leu Leu Gln Met  
20 25 30

Pro Lys Gly Asn Gly Ser Gly Gly Asp Leu Phe Leu His Ser Gly Pro  
35 40 45

Gly His Arg Val Trp Leu Gln Glu Glu Pro Val Pro Ala Leu Leu Glu  
50 55 60

<210> 16  
<211> 169  
<212> PRT  
<213> Homo sapiens

<400> 16  
Met Gly Leu Ser Thr Val Phe Thr Ser Ser Ser Thr Tyr Thr Pro Gly  
1 5 10 15

Asp	Cys	Pro	Asn	Phe	Ala	Ala	Pro	Arg	Arg	Glu	Val	Ala	Pro	Pro	Tyr	20	25	30	
Gln	Gly	Ala	Asp	Pro	Ile	Leu	Ala	Thr	Ala	Leu	Ala	Ser	Asp	Pro	Ile	35	40	45	
Pro	Asn	Pro	Leu	Gln	Lys	Trp	Glu	Asp	Ser	Ala	His	Lys	Pro	Gln	Ser	50	55	60	
Leu	Asp	Thr	Asp	Asp	Pro	Ala	Thr	Leu	Tyr	Ala	Val	Val	Glu	Asn	Val	65	70	75	80
Pro	Pro	Leu	Arg	Trp	Lys	Glu	Phe	Val	Arg	Arg	Leu	Gly	Leu	Ser	Asp	85	90	95	
His	Glu	Ile	Asp	Arg	Leu	Glu	Leu	Gln	Asn	Gly	Arg	Cys	Leu	Arg	Glu	100	105	110	
Ala	Gln	Tyr	Ser	Met	Leu	Ala	Thr	Trp	Arg	Arg	Arg	Thr	Pro	Arg	Arg	115	120	125	
Glu	Ala	Thr	Leu	Glu	Leu	Leu	Gly	Arg	Val	Leu	Arg	Asp	Met	Asp	Leu	130	135	140	
Leu	Gly	Cys	Leu	Glu	Asp	Ile	Glu	Glu	Ala	Leu	Cys	Gly	Pro	Ala	Ala	145	150	155	160
Leu	Pro	Pro	Ala	Pro	Ser	Leu	Leu	Arg								165			